

WHAT IS CLAIMED IS:

- 1 1. A method for reporting hardware platform errors, said
2 method comprising:
3 storing error data corresponding to each hardware
4 platform error in a storage area, wherein the
5 error data includes a flag indicating whether the
6 error data has been reported; and
7 reporting the error data.
- 1 2. The method as described in claim 1 further comprising:
2 receiving a request from one of the partitions;
3 providing the error data to the requesting partition;
4 and
5 setting the flags included in one or more of the
6 provided error data indicating that at least one
7 partition has been notified of the error.
- 1 3. The method as described in claim 1 wherein the error
2 data is stored in an error buffer.
- 1 4. The method as described in claim 1 further comprising:
2 receiving the error data at one of the partitions; and
3 determining whether the errors included in the error
4 data have previously been reported to at least
5 one partition, the determination including
6 analyzing the flag corresponding to each error.
- 1 5. The method as described in claim 4 further comprising:
2 transmitting one or more errors included in the error
3 data in response to the determination being that

4 the one or more errors have not previously been
5 reported.

1 6. The method as described in claim 4 further comprising:
2 highlighting one or more errors included in the error
3 data in response to the determination that the
4 one or more errors have not previously been
5 reported; and
6 displaying the highlighted errors on a display device.

1 7. The method as described in claim 1 further comprising:
2 receiving the hardware platform error from a component
3 included in the hardware platform;
4 setting the flag corresponding to the hardware
5 platform error to indicate that the error has not
6 been provided to at least one of the partitions;
7 determining an error identifier that corresponds to
8 the error; and
9 writing the error identifier and the corresponding
10 flag to an error buffer.

1 8. An information handling system comprising:
2 one or more processors;
3 a memory accessible by the processors;
4 one or more nonvolatile storage devices accessible by
5 the processors, the nonvolatile storage devices
6 including one or more system partitions;
7 an error buffer for storing errors detected in the
8 information handling system; and
9 a error handling tool to manage the detected errors,
10 the error handling tool including:
11 means for identifying one or more errors corresponding
12 to the information handling system; and

13 means for including error data for each of the errors
14 in the error buffer, wherein the error data
15 includes a flag corresponding to each error
16 indicating whether at least one system partition
17 has been notified of the error.

1 9. The information handling system as described in claim
2 8 further comprising:
3 means for receiving a request from one of the system
4 partitions;
5 means for providing the error data to the requesting
6 system partition; and
7 means for setting the flags in the error buffer
8 corresponding to one or more of the errors
9 indicating that at least one system partition has
10 been notified of the errors.

1 10. The information handling system as described in claim
2 8 further comprising:
3 means for receiving the error data at one of the
4 system partitions; and
5 means for determining whether the errors included in
6 the error data have previously been reported to
7 at least one system partition, the determining
8 including analyzing the flag corresponding to
9 each error.

1 11. The information handling system as described in claim
2 10 further comprising:
3 a network interface for transmitting information to a
4 second computer system; and
5 means for transmitting one or more errors included in
6 the error data to the second computer using the

7 network interface, the transmitting performed in
8 response to determining that the one or more
9 errors have not previously been reported to at
10 least one system partition.

1 12. The information handling system as described in claim
2 10 further comprising:
3 a display device accessible by the processors;
4 means for highlighting one or more errors included in
5 the error data in response to determining that
6 the one or more errors have not previously been
7 reported to at least one system partition; and
8 means for displaying the highlighted errors on a
9 display device.

1 13. The information handling system as described in claim
2 8 further comprising:
3 one or more components accessible by the processors;
4 means for receiving the error from one of the
5 components;
6 means for setting the flag corresponding to the error
7 to indicate that the error has not been provided
8 to at least one of the system partitions;
9 means for determining an error identifier that
10 corresponds to the error; and
11 means for writing the error identifier and the
12 corresponding flag to the error buffer.

1 14. A computer program product for providing hardware
2 platform errors, said computer program product
3 comprising:
4 means for identifying one or more errors corresponding
5 to the hardware platform; and

6 means for including error data for each of the errors
7 in a storage area, wherein the error data
8 includes a flag corresponding to each error
9 indicating whether at least one partition has
10 been notified of the error.

1 15. The computer program product as described in claim 14
2 further comprising:

3 means for receiving a request from one of the
4 partitions;

5 means for providing the error data to the requesting
6 partition; and

7 means for setting the flags corresponding to one or
8 more of the errors indicating that at least one
9 partition has been notified of the errors.

1 16. The computer program product as described in claim 14
2 wherein the error data is stored in an error buffer.

1 17. The computer program product as described in claim 14
2 further comprising:

3 means for receiving the error data at one of the
4 partitions; and

5 means for determining whether the errors included in
6 the error data have previously been reported to
7 at least one partition, the determining including
8 analyzing the flag corresponding to each error.

1 18. The computer program product as described in claim 17
2 further comprising:

3 means for transmitting one or more errors included in
4 the error data in response to the determining

5 that the one or more errors have not previously
6 been reported.

1 19. The computer program product as described in claim 17
2 further comprising:
3 means for highlighting one or more errors included in
4 the error data in response to the determining
5 that the one or more errors have not previously
6 been reported; and
7 means for displaying the highlighted errors on a
8 display device.

1 20. The computer program product as described in claim 14
2 further comprising:
3 means for receiving the error from a component
4 included in the hardware platform;
5 means for setting the flag corresponding to the error
6 to indicate that the error has not been provided
7 to at least one of the partitions;
8 means for determining an error identifier that
9 corresponds to the error; and
10 means for writing the error identifier and the
11 corresponding flag to an error buffer.